

Czechoslovakia / Analytical Chemistry.
Analysis of Inorganic Substances.

E-2

Abs Jour: Ref. Zhur - Khimiya No. 2, 1958, 4334

lime, Talc and various slags are furnished. The analysis of materials which contain large amounts of SiO_2 and small amounts of CaO and MgO is also described.

Card 3/3

TICHOMIROVA, V.; SIMACKOVA, O.

"Determination of calcium in the presence of a large excess of magnesium.
In German."

p. 982 (Collection of Czechoslovak Chemical Communications. Sbornik
Chekhoslovatskikh Khimicheskikh Rabot.) Vol. 22, no. 3, June 1957.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

TICHOMIROVA, Vera, inz.

Standardization of limes and limestones. Normalizace l1
no.5:148-150 My '63.

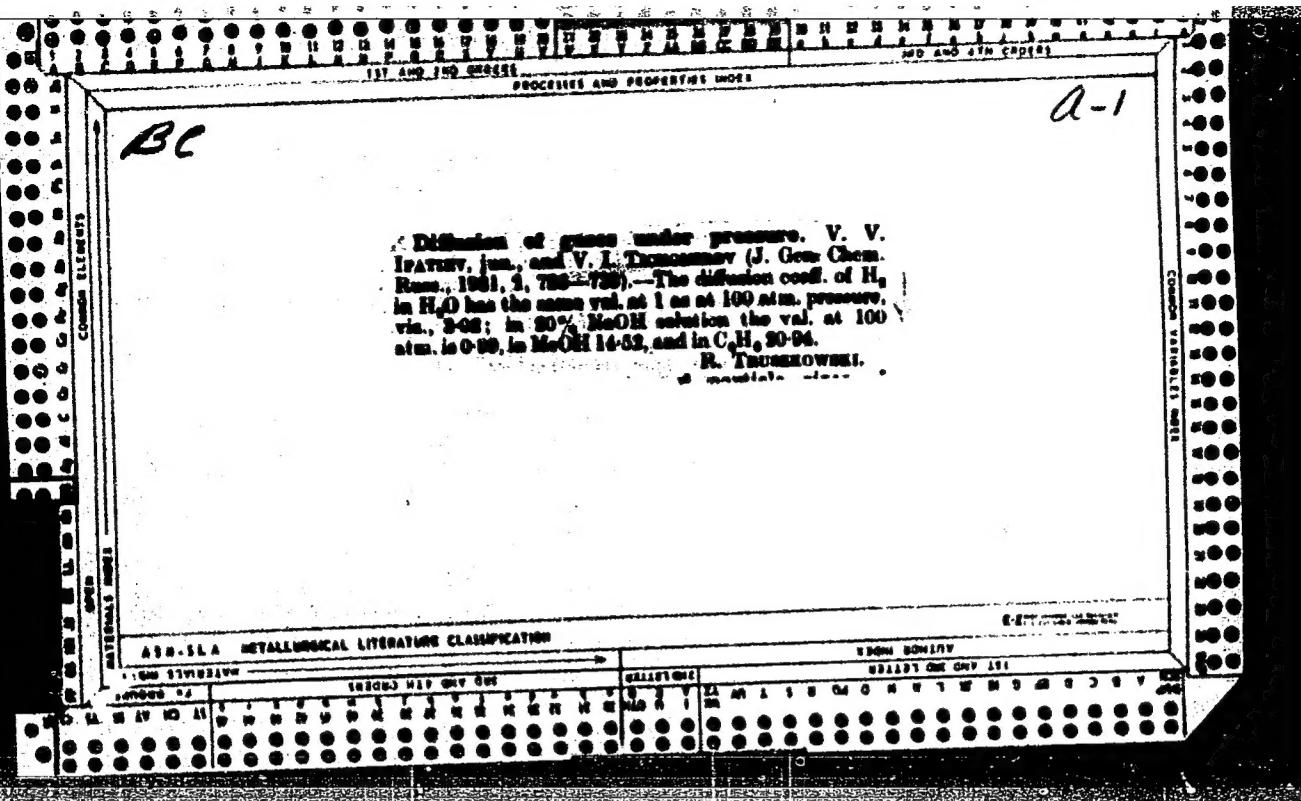
1. Oborove sdruzeni narodnich podniky pro výroby maltovin a
osinkocementu, Radotin u Prahy, Oborove normalizacni stredisko
maltovin, Brno.

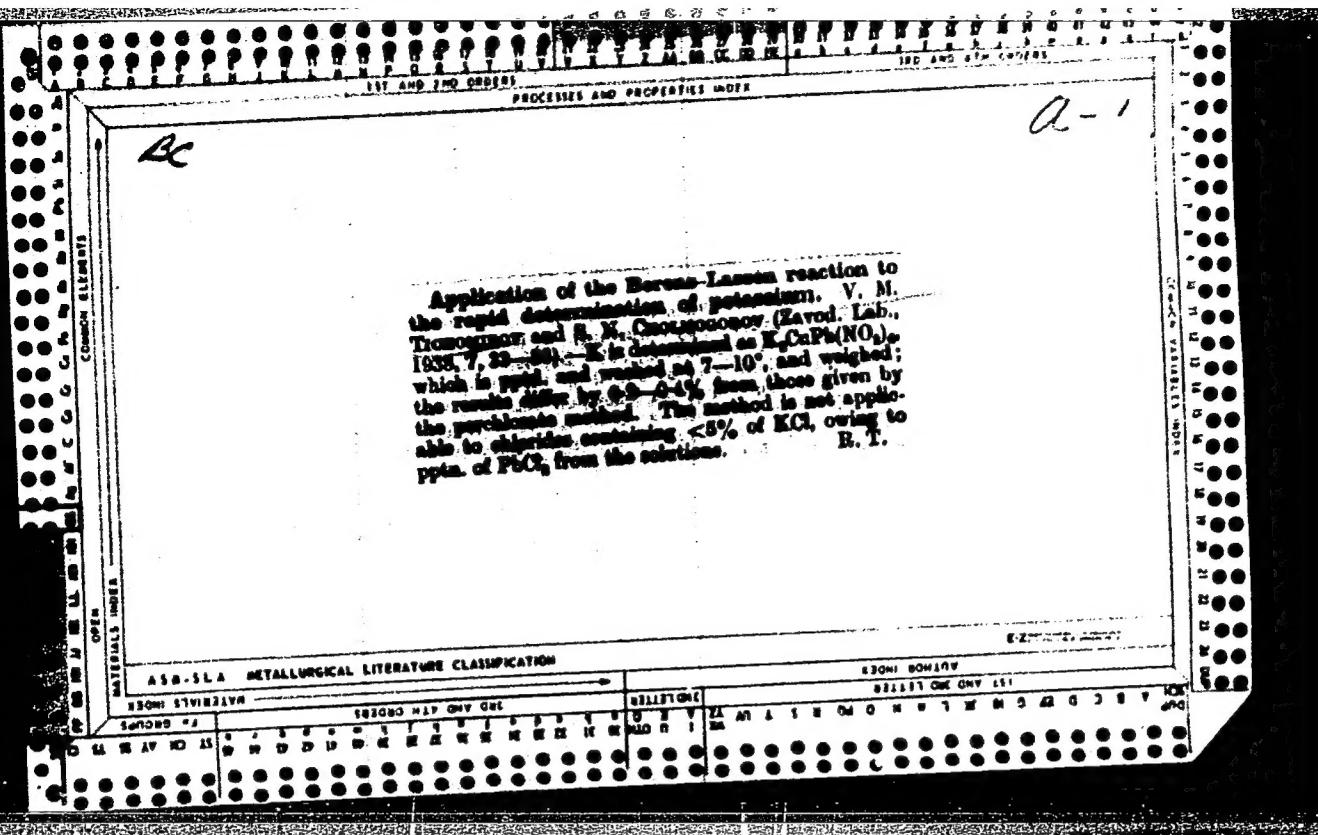
TICHOMOLOV, F. A.

"Synthese d'une molecule allenique asymetrique de la serie grasse au moyen d'une
transposition acetylene-allenique", Favorskij, A. E. et Tichomolov, P. A. (p. 1501)

SO: Journal of General Chemistry (Zhurnal Obshchey Khimii) 1940, Volume 10, no. 16.

TICHOMIROV, V. I.
V. V. IPATIEV, ZhOKh, 1931, 1, 594-597





17-1

standard method of determination of potassium. V. M. Tsvetkov. (Zavod. Lab., 1938, 7, 729). In the industrial method of determination of K on $KClO_4$, one evaporation to dryness is sufficient to remove $MgCl_2$, in place of three ordinarily applied. R. T.

ASH-SEA METALLURGICAL LITERATURE CLASSIFICATION

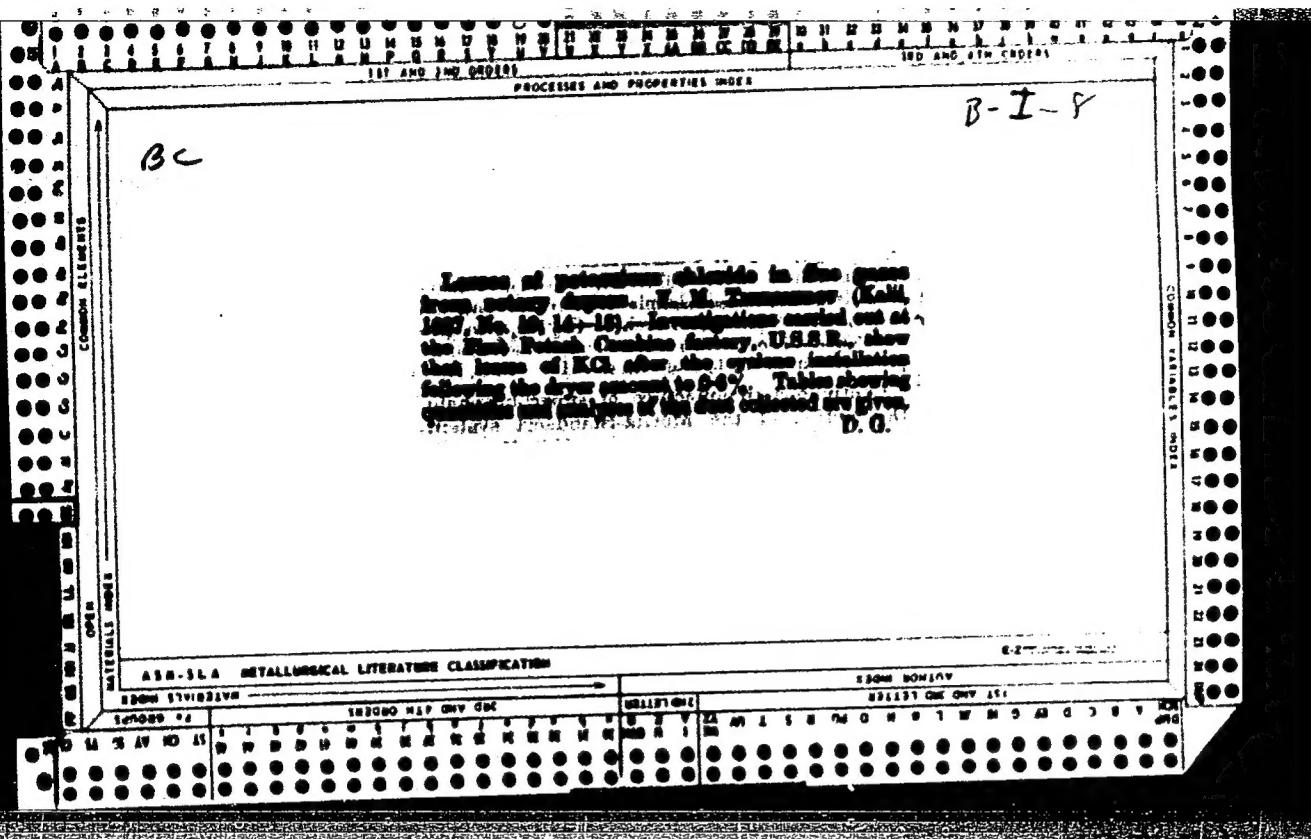
SCIENTIFIC SUBJECTS

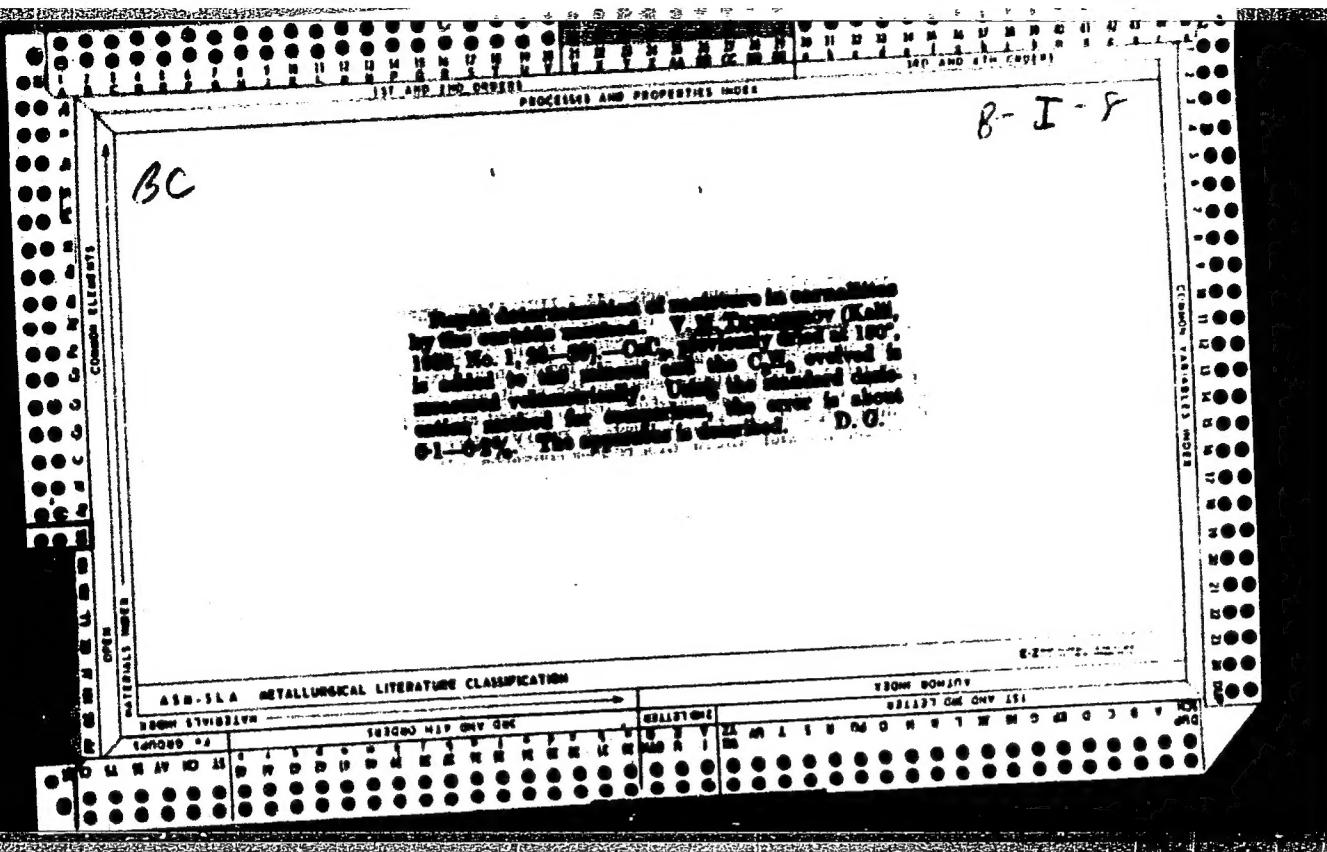
SCIENTIFIC MATER. DATA

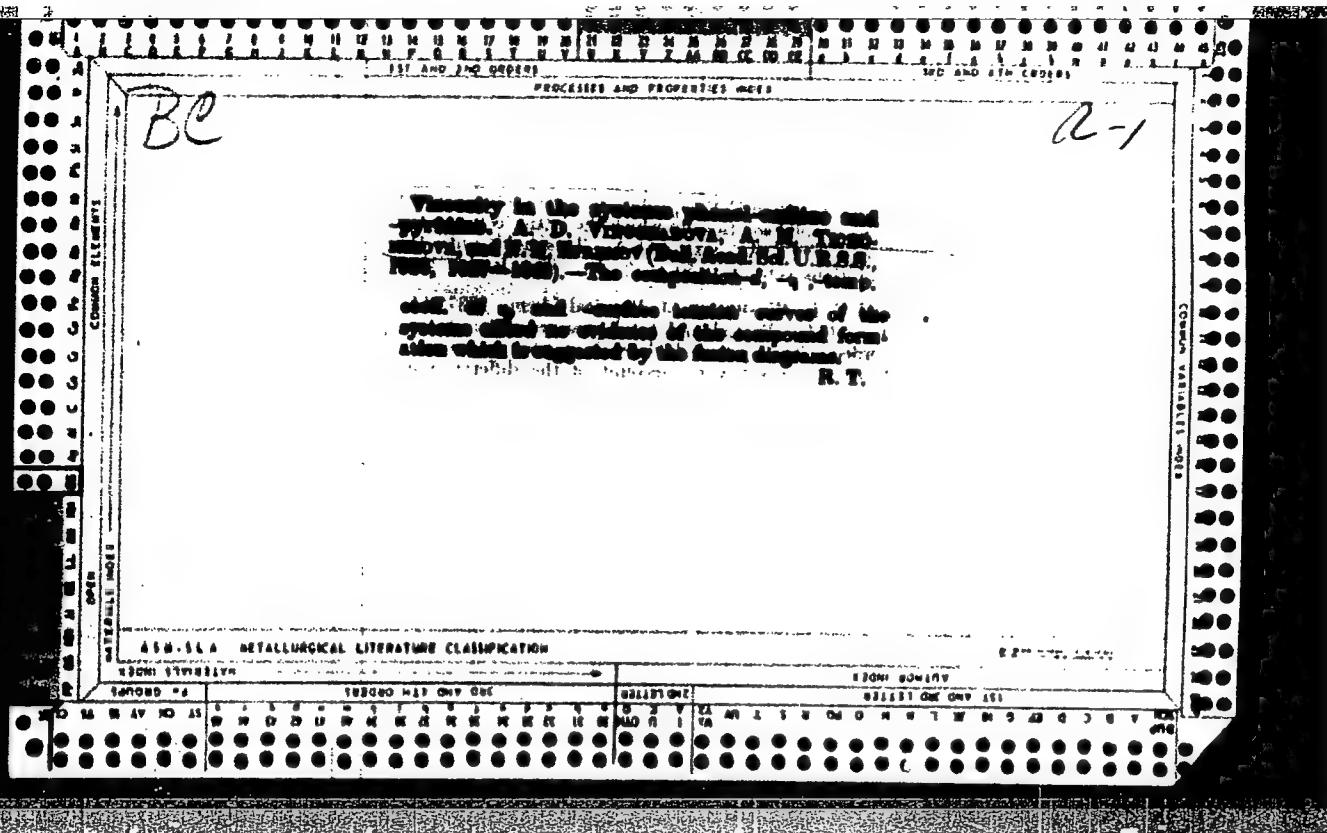
CLASSIFICATION

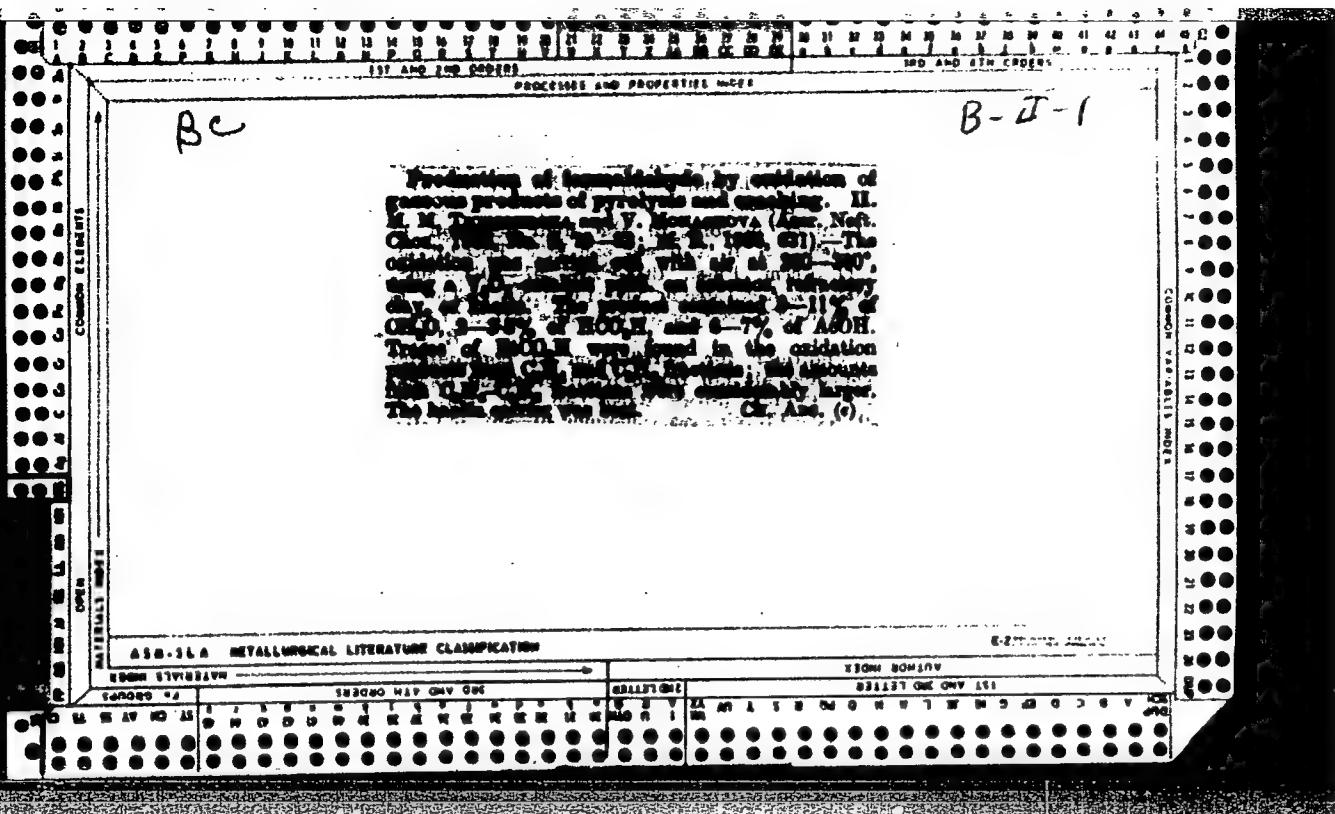
SCIENTIFIC

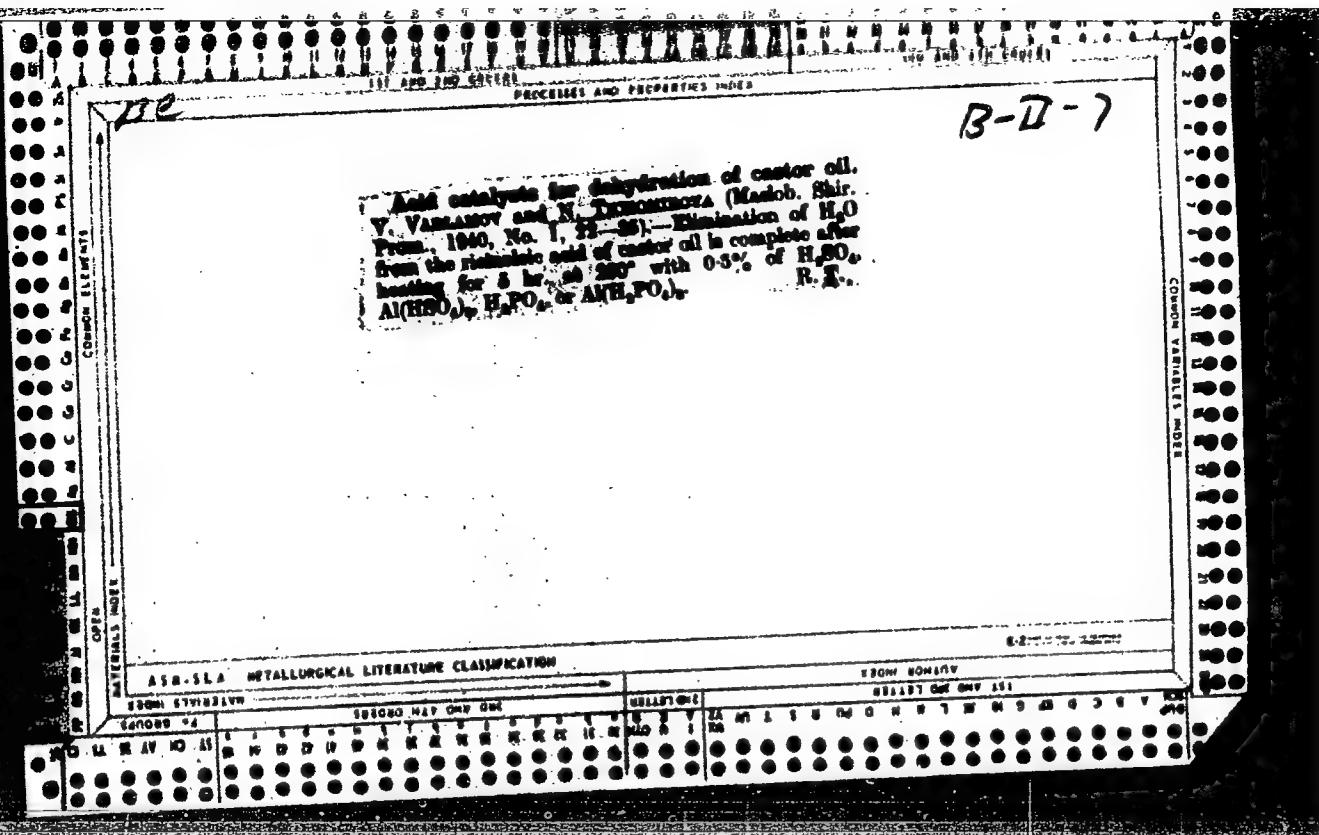
SCIENTIFIC MATER. DATA

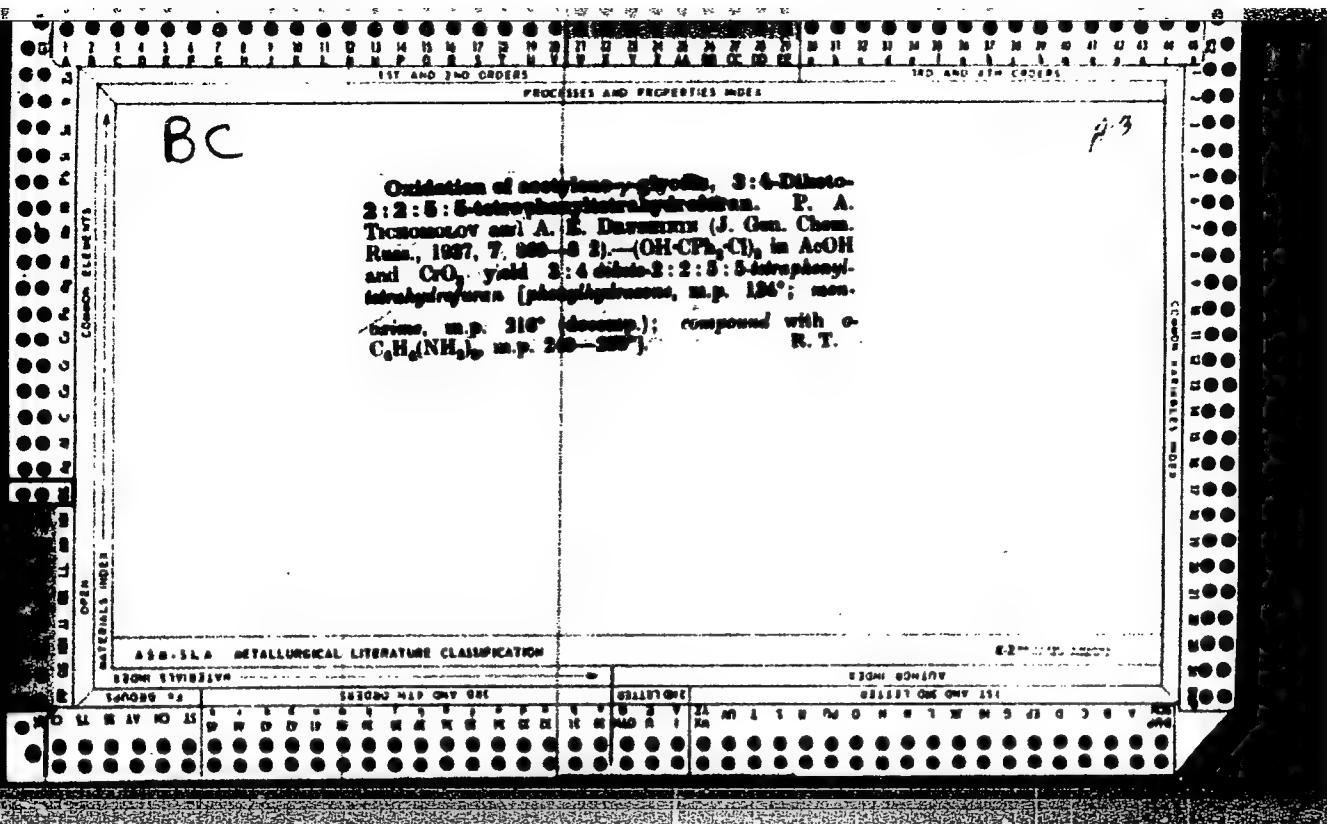












BC

R-3

Mutual influence of radicals on their migration. II. Dehydration of phenyltert.-butylcarbinol. A. N. FAVORSKI and P. A. TIKHOMIROV (Comp. rend. Acad. Sci. U.R.S.S., 1936, 6, 306—308; cf. A., 1936, 721).—Phenyltert.-butylcarbinol, b.p. 130—130.6°/7 mm. [obtained by reduction (Na-EtOH) of the corresponding ketone], is converted by distillation from KHgO into 8-phenyl- γ -methyl- β -butyric acid, b.p. 91.75—92.3°/8 mm., which yields COMeCHPhEt and MeCHO when oxidized. Comparison with the behaviour of phenyltert.-amylcarbinol (loc. cit.) suggests that group migration precedes dehydration. F. N. W.

Mutual influence of radicals on their migration.
Dehydration of phenylcyclo- α -methylcarbinol. A. E. FAVOROV and T. A. TIKHOBOLOV [J. Gen. Chem. Russ., 1935, 5, 1870-1884]. COMePr_2 , NaNH_2 , and MeI afford 75 % *tert*- α -methylbenzylcarbinol, b.p. $106-107/3$ mm., reduced by Na in ROH to the corresponding carbinol (I), b.p. $124.5-125.5/12-13$ mm. (I) is converted by KHSO_4 from K_2EDTA into α -dimethyl- β -methylbenzene, b.p. $80-80.5/15-18$ mm., $206.5-207/70-74$ mm., which yields 20 %, and $20.5-21.5/70-74$ mm., which yields 21 %. T. COMeEt when oxidized.

a-3

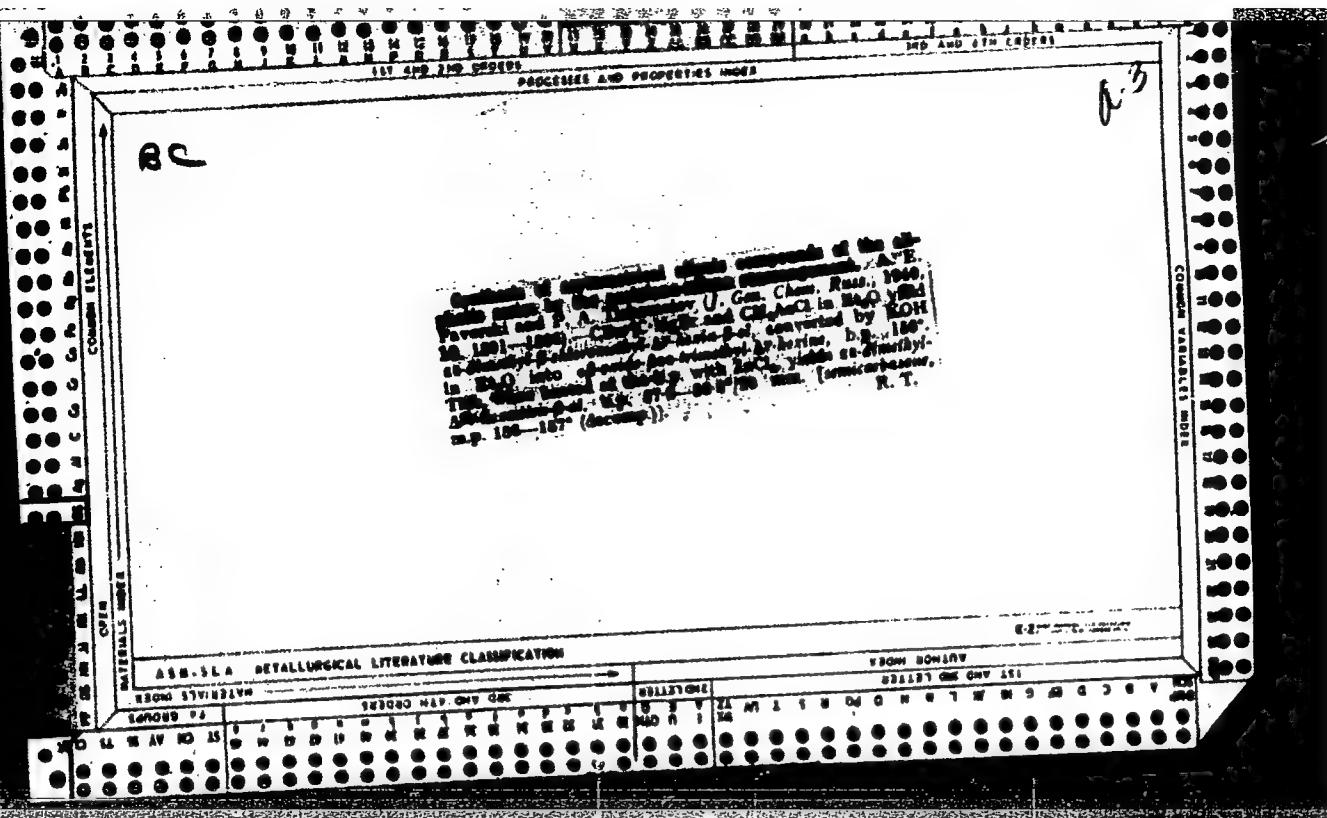
86

AMERICAN METALLURGICAL SOCIETY
METALLURGICAL LITERATURE CLASSIFICATION

AUTHOR INDEX

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001755520017-8"



1 AND 2ND DEGREE 3RD AND 4TH DEGREE

PROCESSES AND PROPERTIES UNDER

3RD AND 4TH CHAPTERS

— 7 —

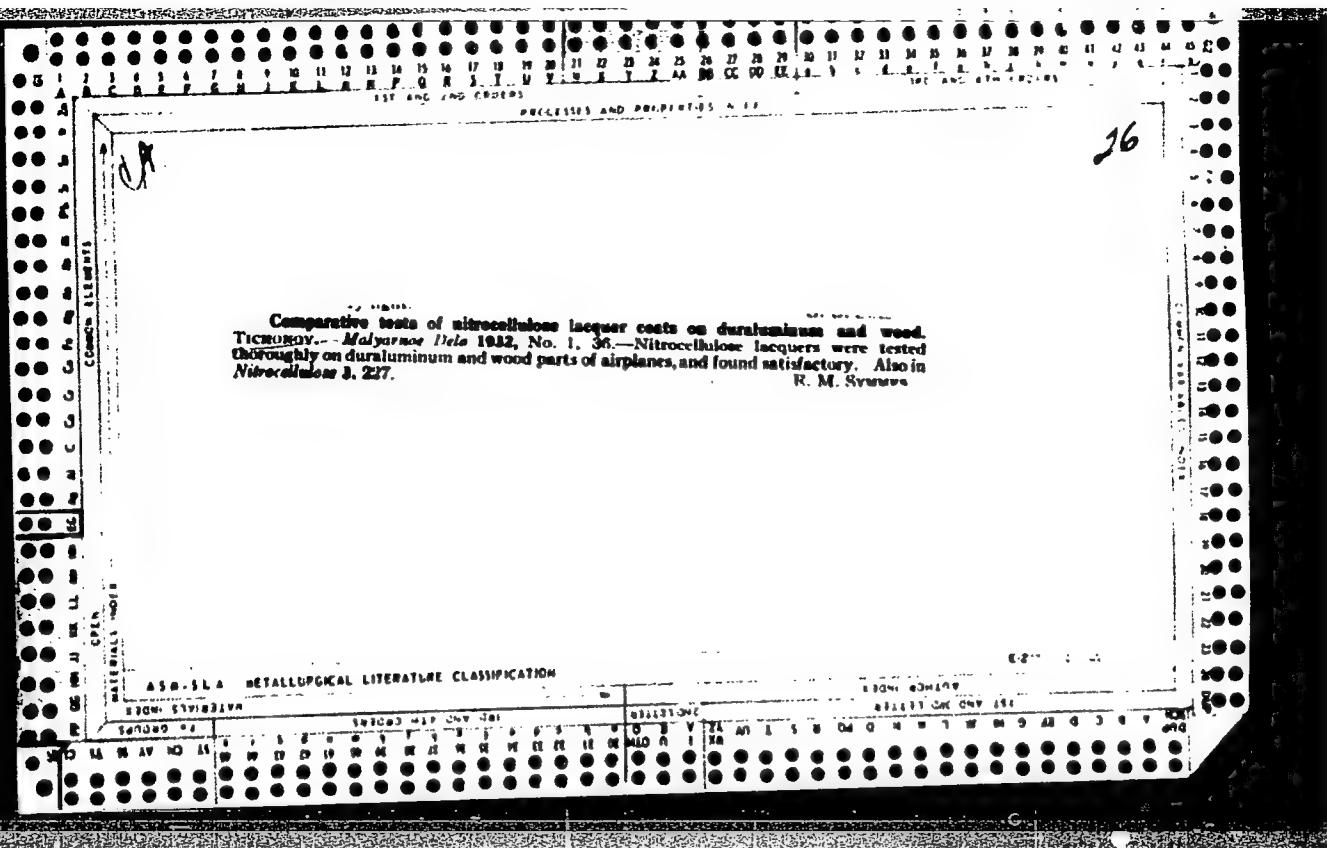
Oxidation of acetylenic glycols. The odd-heneses of the tetrahydrofuran series. T. I. TAKUKOVA and P. A. TROTSKY (J. Russ. Phys. Chem. Soc., 1890, 22, 1217-1222).—Oxidation of tetraethylbutyricenol, m. p. 156°, with chromic acid gave 2:2':5:5'-tetraethyl-3:4-dihydroxytetrahydrofuran, deep purple, m. p. 162°, which on further oxidation yielded ditolyl ketone, m. p. 93°; a phenylglycoside, m. p. 184-186°; cacone, m. p. 226°; and guanacatine, m. p. 230-231°, were also obtained.

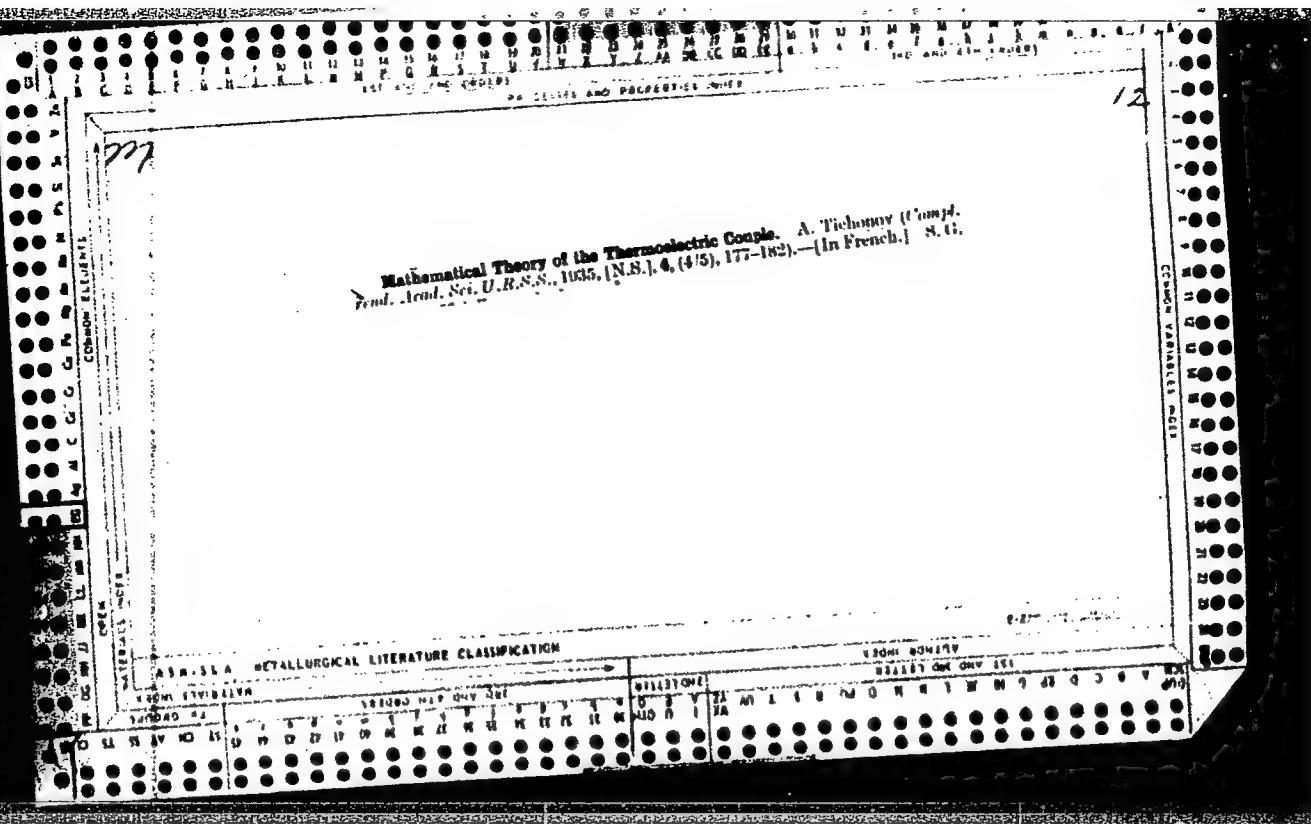
M. ZYMBALOV.

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APPROVED FOR RELEASE: 03/14/2001

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Re. 26
1. Application, etc.

Application of the electrode couple platinum and graphite for
potentiometric titration in neutralization and oxidation-reduction
reactions. A. S. Tichonov, (Zavod. Lab., 1939, 8, 17-19).—The pair
Pt-pencil core can be used for oxidation and reduction titrations
but not for neutralization. J. J. B.

FRYNTA, Vladimir, inz; TICHOPAD, Vladimir, inz.

A tilt-wing aeroplane. Letecky obzor 5 no.11:349-351 '61

L 30014-66 EMP(k)/DMT(C) 117(c) JD/HW
ACC NR: AP6020099 SOURCE CODE: CZ/0057/66/000/002/0016/0071

AUTHOR: Wiesner, Frantisek (Engineer; Candidate of sciences); Tichopadova, Eva (Engineer) 29

ORG: Research Institute for Iron Metallurgy, Prague (Vyzkumny ustav hutnickvi zeleza) B

TITLE: Production of belts with rounded edges by wire rolling 16

SOURCE: Hutnik, no. 2, 1966, 76-79

TOPIC TAGS: alloy steel, carbon steel, wire, metal rolling

ABSTRACT: Wire rolling is an economical process for the production of narrow belts of exact dimensions with rounded edges, both in carbon and in alloy steels. The author suggests construction of rolling plants for this production in Czechoslovakia; the drives should use DC current motors, and provide for a regulation of the rolling speed and of the tensions applied to the wire and the belts. The belts may be 0.1 to 15 mm wide, and 0.02 to 4 mm thick. Factors influencing the width of the produced belt are described; the influence of the material from which the wire is made is discussed. Rollers used in this application are described, and methods of operation evaluated. Orig. art. has: 5 figures. [JPRS]

SUB CODE: 11, 13 / SURM DATE: none / ORIG REF: 001 / OTH REF: 003

Card 1/1 50

TICHOPADOVA, E., inz.

"Determination of the most effective blooming mill operation"
by V.A. Choros, M.E. Bojko, L.D. Kossovskij, M.S. Svyrev,
P.I. Kopytin, I.I. Rusanov. Reviewed by E. Tichopadova.
Hut listy 19 no.1:57-58 Ja'64.

HRBEK, A.; CERNY, V., inz.; PUNCOCHAR, Z., inz.; HECVAR, J., inz.; KECLIK, V.,
inz.; TICHOPADDOVA, E., inz.; KREMER, R., inz.; ZIDEK, M., inz.;
TEINDL, J.; SESTAK, B., inz.

Information on metallurgy. Hut listy 17 no.12:887-902 D '62.

89307

18.1130

Z/034/61/000/004/003/005
E073/E335

AUTHORS: Tichopádová, E. and Wiesner, F.

TITLE: Development of the Technology of Manufacturing
Tubes, Strip and Wire from the Austenitic Stainless
CrMnNiN Economy Steels

PERIODICAL: Hutnicke listy, 1961, No. 4, p. 284

TEXT: The authors solved the problem of forming the austenitic stainless CrMnNiN type economy steel which can substitute to a large extent the currently-used type 18/8 CrNi steel, resulting in a very considerable saving of scarce Ni. The following were produced: welded polished tubes of 10/1 mm dia. and 52/1.2 mm dia; hot-rolled and cold-drawn electrode wires of 1.20, 3.25 and 4 mm dia; open sections 635/1 mm from hot- and cold-rolled strip and accurate seamless tubes of 40/1.5 mm dia. Compared with the type 18/8 steel, the resistance-to-forming of this steel is slightly higher in the hot state and 20-25% higher in the cold state. This economy steel is to be used as a substitute for 18/8 steel whenever possible.

Card 1/2

89307

Development of the

Z/034/61/000/004/003/005
E073/E335

(Abstractor's note: this is a complete translation.)

ASSOCIATION:

Výzkumný ústav hutnictví železa
(Ferrous Metals Research Institute)

X

Card 2/2

z/057/63/000/001/001/001
2073/E335

AUTHORS: Tichopádová, Eva, Engineer and Wiesner, František, Engineer, Candidate of Sciences

TITLE: Malleability of the economy austenitic steel
type CrMnNiN

PERIODICAL: Hutník, no. 1, 1963, 26 - 30

TEXT: The hot- and cold-forming properties of two heats of an economy steel containing approximately 9.5% Mn, 4.7% Ni, 17.8% Cr, 0.11% Cu and 0.32% N₂ were investigated. Compared with 18/8 steel, the plasticity of the new steel in the hot and cold states is higher, although the resistance to hot- and cold-forming is about 10 to 20% higher. In torsion tests the largest number of twists were obtained in the temperature range 1275 to 1300 °C, whereby the torque reached during these tests was higher for the new nitrogen-containing steels than for the nitrogen-free comparison steel (18% Cr, 10% Ni). Nitrogen has no influence on the malleability at the forming temperatures but increases somewhat with the sensitivity of the steel to overheating. The speed of work-hardening was about equal for both types of steel. The developed steel is suitable for substituting 18/8-type steel in all

Card 1/2

Malleability of

Z/057/63/000/001/001/001
E073/E335

cases in which approximately the same resistance to corrosion is required and slight differences in the mechanical properties are tolerable. There are 11 figures and 4 tables.

ASSOCIATION: VUHZ, Prague

Card 2/2

Z/032/61/011/005/007/008
E073/E535

AUTHORS: Tichopádová, E. and Wiesner, F.

TITLE: Development of the Technology of Manufacture of Tubes,
Strip and Wire from Economy Austenitic Stainless
Steel CrMnNiN

PERIODICAL: Strojírenství, 1961, Vol.11, No.5, p.396

TEXT: The problem of forming stainless austenitic economy steels of the type CrMnNiN is solved which will permit replacing to a large extent the currently used type 18/8 CrNi steel, thus saving considerable quantities of Ni. Welded polished tubes of diameters 10/1 mm and 52/1.2 mm were produced and also electrode wire, hot-rolled and cold-drawn, of 1.20, 3.25 and 4 mm diameter, bent-open sections 635/1 mm from hot- and cold-rolled strip and accurate seamless tubes of 40/1.5 mm diameter. The resistance-to-shaping of this steel is only slightly higher in the case of hot-forming and 20-25% higher in the case of cold-rolled than for the 18/8 type steel. This economy steel can successfully substitute 18/8 steel whenever operating conditions permit.

Report No. VÚHŽ RV-25-1-52, Prague, 1960.

[Abstractor's Note: Complete translation.]

Card 1/1

Z/056/62/019/007/007/007
I037/I237

AUTHOR: Tichoplav, B. Ju.

TITLE: A new type of gas turbine for ocean ships and the arguments for its use.

PERIODICAL: Přehled technické a hospodářské literatury. Hutiectví a strojírenství v. 19, no. 7, 456, abstract HS62-5808 (Sudostrojenije v. 27, no. 11, 1961 XI, 19-23)

TEXT: Discussion on the necessity for developing a special driving motor for ocean ships on the underwater decks and description of one of the many possible solutions of the problem. Use of a special gas turbine with a divided gas consumption for the compression and propulsion turbine and with the ship propeller rotating around the horizontal axis. This turbine has advantages over airplane and other light ship turbines. It increases the driving power of the ship propeller by 15-20%. Wide possibilities for steering with this gas turbine. Its location under sea level gives new possibilities for cooling the propulsion turbine. Some complication difficulties in the construction of two combustion compartments is the access to the underwater gondola. There are 1 drawing, 1 scheme, 6 diagrams, and 2 references.

[Abstracter's note: Complete translation.]

Card 1/1

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KOMPRDE, Jiri; TICHOTA, Vitezslav

Treatment of sequelae of Volkmann's ischemic contracture by the
disinsertion. Acta chir. orthop. trauma. Cech. 28 no.6:549-552
D '61.

1. Ortopedické oddelení OUNZ v Jihlave, prednosta MUDr. V. Tichota.
(VOLKMANN'S CONTRACTURE surg)

HUNGARY

Diagnosis

JELES, Janos, Dr., TICHY, Anna, Dr; Megyei Tb. Sanitarium (director: LAKATOS, Pal, Dr) (Megyei Tbc. Gyogyintézet), Tatabanya.
"On Pulmonary Aspergilloma."

Budapest, Orvosi Hetilap, Vol 107, No 46, 13 Nov 66, pages 2191-2193.

Abstract: [Authors' Hungarian summary] A case of pulmonary aspergilloma is described. The 41 year old animal breeder was completely free of complaints and symptoms and the disease was diagnosed on the basis of pathohistological examinations. In the case reported, an existing tumor anamnesis represented some differential diagnostic problems. 6 Hungarian, 10 Western references.

1/1

JAHN, M.; POLIVKA, V.; TICHY, A.

Arthrogryposis congenita multiplex in a 1-month-old child.
Cesk. pediat. 20 no. 2: 150-152 F '65

1. Detske oddeleni nemocnice s poliklinikou v Karvine IV, Raji
(vedouci MUDr. V. Polivka); Patologickoanatomicke oddeleni krajske
nemocnice s poliklinikou v Ostrave (vedouci: doc. dr. C. Dvoracek).

KALINA, J.; TICHY, A.

Curling's ulcer in burns. Rozhl. chir. 42 no.4:246-251 Ap '63.

1. Oddeleni pro lecbu popalenyh pri chirurgickem oddeleni
krajske nemocnice s poliklinikou v Ostrave, vedouci doc. dr.
K. Typovsky, CSc. Oddeleni patologické anatomie krajske
nemocnice s poliklinikou v Ostrave, vedouci doc. dr. C.
Dvoracek.

(BURNS) (DUODENAL ULCER)

40365
S/194/62/000/006/252/252
D256/D308

9.9.16 E
AUTHORS: Tichý, Bedřich, Děčín, Kurt, and Klika, Vilém

TITLE: Method of producing heavy-duty coax-cable

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 6, 1962, abstract 6-8-73 ch (Czechosl. pat., kl.
21 c, 3/05, 21 a⁴, 73, no. 98454, 15.12.61)

TEXT: It is proposed to produce the insulating cord of the heavy-duty radiofrequency cable 25/90 as a hollow sleeve made of polyethylene, 30 to 32 mm outside diameter and 3 mm wall thickness. The sleeve is laid onto the inner conductor tube (20 mm ID) to form a helix with a step of 300 to 400 mm. After inserting the assembly of the inner conductor with the sleeve into the outside conductor tube (100 mm OD), warm water under pressure is circulated through the sleeve. By increasing the pressure of the water the diameter of the sleeve is increased, producing a tight fit to both the inner and the outside conductor tubes; the shape of the sleeve remaining undisturbed by cooling the water. The water is drained and after drying the sleeve, gas under excess pressure is fed provisionally

Card 1/2

Method of producing heavy-duty coax-... S/194/62/000/006/232/232
into it in order to increase the pressure of the insulation layer
against the conductors when reeling the cable, and also during the
transportation and assembly. The space between the conductors is
kept dry by the gas escaping through the walls of the sleeve.
[Abstracter's note: Complete translation.]

Card 2/2

38724

S/194/62/000/005/001/157
D222/D309

97200

AUTHORS: Pěnka, Vítězslav, and Tichý, Ceněk

TITLE: Electric analogue computer

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 5, 1962, abstract 5-1-30d (Chekhosl. pat., kl. 42m,
14, no. 97789, 15.12.60)

TEXT: A patent for a new constructional method for electrical (electronic analogue computers, which makes the assembly of required circuit configurations easy. The analogue computer is built in the form of a cabinet (see diagrams 1-2, 3), 1, the front of which holds the main programming panel 2, equipped with a plugboard 6, functional and operative units 3 (the socalled main chassis), and potentiometer blocks (or RC circuits) 4, with plugboards 8 (the socalled auxiliary chassis). Each of the blocks 3 and 4 contain amplifier or potentiometric elements built according to conventional circuitry. The internal arrangement of the analogue computer enables the interconnection of the inputs and outputs units 3, leads 12 and sockets 8 of the corresponding block 4 and units 3 through leads 10 and sockets 11. Card 1/12

Electric analogue computer

S/194/62/000/005/001/157
D222/D309

sets 6 of the main plugboard on 1 (see figure 3). There are several sockets, 6 and 8, connected to each of the blocks 3 and 4, which makes it easy to assemble the required circuit. The blocks 3 and 4 are connected to the internal assembly via the multiway plugs 11 and 9. The main switching plugboard 2 is connected to the internal assembly through leads 13, and multiway plugs 7 (figure 2). All (or most) of the blocks 3 and 4 are removable. The front side of the cabinet holds also the supply unit Z, the blocks of nonlinear elements N, the matching transformers P and multiplier blocks 5. The horizontal parts of the chassis 3, 4, N, P and 5 are narrower than their front parts, and the resulting gap is used for the internal inter-connecting cables of the computer. Examples are given for the realization of different circuits. 7 figures. [Abstractor's note: Complete translation].

Card 2/12

TICHY, H., prof.

Practical indications for the interpretation of some serological examinations in rheumatology. Med. intern. 14 no.7:789-794 J1 '62.

1. Dresda, directorul Institutului de reumatologie din Dresda.
(SERODIAGNOSIS) (ARTHRITIS, RHEUMATOID) (HEMAGGLUTINATION)
(ANTISTREPTOLYSIN) (RHEUMATIC HEART DISEASE) (HYALURONIDASE)
(STREPTODORNASE AND STREPTOKINASE)

TICHY, H.

Diagnostic serological standards as an aid for the general
practitioner in recognizing inflammatory rheumatic diseases.
Reumatologia (Warsz.) 1 no.2:87-94 '63.

1. Z Instytutu Reumatologicznego w Dreźnie (Dyrektor: prof.
dr H. Tichy).

TICHY, Jiri, MUDr; TICHY, J., MUDr

Cholelithiasis and atherosclerosis. Cas. lek. cesk. 93 no.49:1350-1352 3 Dec 54.

1. v II. patologicke-anatomickeho ustavu Karlovy university v Praze, prednosta prof. Dr.V.Jedlicka (for Tichy)
(CHOLELITHIASIS, complications
arteriosclerosis, statist. survey)
(ARTERIOSCLEROSIS, complications
cholelithiasis, statist. survey)

APPROVED FOR RELEASE: 03/14/2001

TICHY, J.

CIA-RDP86-00513R001755520017-8"

Relation of the cholesterol level to the composition of the cerebrospinal fluid and to its protein content. Cesk. neurol. 27 no.2:123-129 Mr'64

1. Neurologicka klinika fakulty vseobecneho lekarstvi KU v Praze; prednosta: akademik K.Henner.

*

TICHY, J.

On bromsulfalein (BSP) tests. I. Cesk. gastroent. vyz. 17
no. 82481-489 D63

1. I interni klinika lekarske fakulty Palackeho University
v Olomouci; prednosta prof. dr. P. Inki.

L 21354-66 EWP(k)/T/EWP(w)/EWP(t) JD/HW
ACC NR: AP6010892

SOURCE CODE: CZ/0034/65/000/008/0575/0579

AUTHOR: Tichy, Jiri (Engineer)

ORG: VZU NMKG, Ostrava-Kuncice

32
B
4

TITLE: Effect of extended annealing upon the structure and mechanical properties of large forgings

SOURCE: Hutnické listy, no. 8, 1965, 575-579

TOPIC TAGS: annealing, steel, pearlite, steel forging, spheroidization, vanadium alloy, manganese alloy

ABSTRACT: The influence of annealing at 680°C, and of the rate of cooling between 680 and 400°C upon the spheroid structure of the carbide component of the pearlite in Czechoslovak steel CSN 13 123 was investigated. Very slow cooling had a favorable effect upon spheroid structure formation; a high level was reached already after 5 hours. Longer periods decrease the spheroid content because coalescence reactions start taking effect. The period of annealing rather than the rate of cooling determine the extent of spheroid particles formation. Pearlite of MnV-containing steels has a dense and fine structure, and is not influenced by the formation of spheroid carbide particles. The influence of macroscopic occlusions is described. Only limited periods of annealing can be used in the treatment of hollow forgings. The best conditions for the treatment of forgings are discussed. Orig. art. has: 4 figures. [JPRS]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 008 / OTH REF: 007

SOV REF: 002

Card 1/1

UDC: 620.192.4: 621.785.3

KREJCI, L.; KREJCOVA, H.; TICHY, J.

Optokinetic nystagmus in patients with primary glaucoma.
Cesk. oftal. 21 no.4:324-333 J1 '65.

1. II ocní klinika (prednosta akademik J. Kurz) a neurologická
klinika (prednosta akademik K. Henner) fakulty všeobecného le-
karství Karlovy University v Praze.

TICHY, J.; KOMENDA, S.

On bromsulphalein test (BSP). Pt.4. Vnitri lek. 11 nc.7:
625-637 J1 '65.

1 I. vnitri klinika Palackeho University v Olomouci (prednosta
prof. Dr. Pavel Lukl) a Ustav lekarske fyziky Palackeho University
v Olomouci (prednosta doc. Dr. Bruno Schober).

PROCHAZKA, J.; TICHY, J.; ASKANTHOVA, L.; FUCHS, J.

The significance of examining the blood coagulation factors in infectious hepatitis. Vnitri lek. 11 no.4:376-381. Apr 1965.

1. L. vnitri klinika Palackeho University v Olomouci (prednosta: prof. Dr. Pavel. Inkl); Ustav lekarske fysiky Palackeho University v Olomouci (prednosta: doc. Dr. Bruno Schieber, Dr.)

MICHALEC, G.; TICHY, J.

Determination of the spectrum in cholesterol esters in the ce-
rebrospinal fluid by paper chromatography. Cas. lek. cesk. 103
no. 27: 756-757 26 Je '64

1. Laborator pro proteosyntezu fakulty vseobecneho lekarstvi
KU [Karlov university] v Praze (vedouci: prof. dr. J. Horejsi,
DrSc.) a Neurologicka klinika fakulty vseobecneho lekarstvi
KU [Karlov university] v Praze (prednosta: akademik K. Henner).

KLOBEC, K.; KOS, A.; TIC, J.

Palindromic rheumatism - (recurrent oligoarthritis). Cas. lek.
cesk. 102 no.48:1322-1326 29 N '63.

1. Interni klinika lekarske fakulty PU v Olomouci (prednosta prof.
Dr. P. Lukl) a Vnitri voenske nemocnice v Olomouci (nacelnik
MUDr. C. Cihalik).

*

TICHY, J.; PROCHAZKA, J.; BAYER, A.

Hodgkin's disease and the liver. Contribution to the genesis of so-called infiltrative liver cirrhosis. Cas. lek. cesk. 101 no.32/33: 999-1006 17 Ag '62.

1. I. interni klinika lekarske fakulty PU v Olomouci, prednosta prof. dr. P. Lukl. Patologickanatomicky ustav lekarske fakulty PU v Olomouci, prednosta doc. dr. V. Valach.
(LIVER CIRRHOSIS) (HODGKIN'S DISEASE)

TICHY, J.; VYSKOCILOVA, L.

Contribution to differential diagnosis of encephalomalacia and encephalorrhagia through the determination of the cholesterol content of the cerebrospinal fluid. Cas. lek. Cesk. 104 no.42:1161-1164 22 0 '65.

1. Neurologicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta akademik K. Henner) a Oddeleni pro cenni nemoci mozku, Thomayerova nemocnice v Praze-Krci (vedouci doc. dr. J. Budinova-Smela).

L 13306-66 EWT(d)/T/EWP(1) IJP(c)

ACC NR: AP6006020

SOURCE CODE: CZ/0053/65/014/004/0281/0281

AUTHOR: Komenda, S.; Tichy, J.ORG: Institute of Medical Physics UP, Olomouc (Ustav lek. fysiky UP); First Clinic of Internal Medicine, Medical Faculty, UP, Olomouc (I. interni klinika lek. fak. UP)TITLE: 16, 44, 55
Mathematical modelling of the kinetics of physiological processes [This paper was presented during Biophysical Days, Brno, 12 Jun 64.]SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 281TOPIC TAGS: kinetic equation, physiology, brominated organic compoundABSTRACT: Development of mathematical equations describing most esthetically hepatic bromsulphalein removal following a single intravenous administration. Orig. art. has: 4 formulas. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 Fw

TICHY, J.

MEORAL, L.

Czechoslovakia

3

Division of Pathological Anatomy OUNZ Olomouc — Hospital
and Polyclinic (Patologicko anatomicke oddeleni OUNZ Olomouc
— nemocnice a poliklinikou ve Sternberku) Sternberg;
Director: L. MEORAL, MD.

Brno, Vnitrini lekarsky, No 10, Oct 62, pp 1097-1103.

"Giant Cell Granulomatous Myocarditis in Cases of Diabetes
Mellitus."

Co-authors:

DUSEK, J. Institute of Pathological Anatomy PU (Patologicko
anatomicky ustanow Ustav PU v Olomouci) Olomouc; Director: V. VALACH,
MD; TICHY, J., First Internal Clinic PU (I. vnitri klinika
PU v Olomouci), Olomouc.

TICHY J.

NEORAL, L.

Czechoslovakia

CZECHOSLOVAKIA

Neoral

Division of Pathological Anatomy OUNZ Olomouc -- Hospital and Polyclinic (Patologicko anatomicke oddeleni OUNZ Olomouc -- nemocnice a polikliniku ve Sternberku) Sternberg; Director: L. NEORAL, MD.

Brno, Vnitrii lekarstvi, No 10, Oct 62, pp 1097-1103.

"Giant Cell Granulomatous Myocarditis in Cases of Diabetes Mellitus."

Co-authors:

DUSEK, J. Institute of Pathological Anatomy PU (Patologicko anatomicky ustav PU v Olomouci) Olomouc; Director: V. VALACH, MD; TICHY, J., First Internal Clinic PU (I. vnitrii klinika PU v Olomouci), Olomouc.

TICHY, J.

Z/039/60/021/02/002/037
E192/E535AUTHORS: Svoboda, Rudolf, Tichy, Jan and Zelenka Jiří

TITLE: Synthetic Piezoelectric Materials

PERIODICAL: Slaboproudý obzor, 1960, Vol 21, No 2, pp 66-72

ABSTRACT: A number of synthetic piezoelectrics have been developed since World War 2. The manufacture and the properties of most of these materials are reviewed in the article. Two tartrates EDT and DKT are employed as piezoelectric materials. The first tartrate has the following formula: $C_6H_{14}N_2O_6$; the formula for DKT is $K_2C_4H_4O_6 \cdot \frac{1}{2} H_2O$. The monocrystals of these substances crystallize in the sphenoidic system. The crystals are illustrated in Fig 1. In both cases the Z axis is identical with the crystallographic axis c and the Y axis is identical with b crystallographic axis. The angle between X axis and the crystallographic a axis is $15^{\circ}30'$ for EDT crystals and only $51'$ for DKT crystals. Optically both crystals are bi-axial. Various physical and electrical parameters are indicated in Table 1. The crystals

Card 1/3

Z/039/60/021/02/002/037
E192/E535

Synthetic Piezoelectric Materials

can be used in resonant circuits and give a quality factor up to 30 000. Lithium sulphate LSH having the formula $\text{Li}_2\text{SO}_4\text{H}_2\text{O}$ is also a useful piezoelectric material. The crystal of LSH has the form shown in Fig 3. The physical and the electrical constants of this material are indicated in Table 2. Sorbitol hexa-acetate, SHA having the formula $\text{C}_6\text{H}_8\text{O}_6(\text{COCH}_3)_6$ gives crystals which are soluble in water. The shape of the crystal is illustrated in Fig 4 and its piezoelectric coefficients are indicated in Table 3. This material can also be used in resonant circuits. Phosphates ADP and KDP can be used in electro-acoustics where Rochelle salt has been normally employed; the chemical formula of ADP is $\text{NH}_4\text{H}_2\text{PO}_4$ while that of KDP is KH_2PO_4 . Both materials crystallize in a tetragonal system (Figs 5 and 6). The basic properties of these materials are indicated in Table 4. The crystals of ADP and KDP do not contain any

Card 2/3

Z/039/60/021/02/002/037
E192/E535

Synthetic Piezoelectric Materials

"crystallized" water and do not easily dissolve. Crystals of sodium chlorate and sodium bromate can also be used as piezoelectric materials. Elastic and piezoelectric coefficients of these substances are indicated in Table 5. A comparison of the above substances is given in Table 6 where the third column indicates the electromechanical coupling coefficient. There are 11 figures, 6 tables and 24 references, 8 of which are Czech, 3 Soviet, 1 German, 1 Swiss and 11 English. ✓C

ASSOCIATIONS: Vysoká škola strojní, Liberec (Technical University of Liberec) (Svoboda and Tichý) and TESLA Lanskroun n.p., závod 05, Hradec Králové (TESLA Lanskroun, State Factory 05, Hradec Králové) (Zelenka)

SUBMITTED: October 17, 1959

Card 3/3

TICHY, L.; VONDRUS, K.; SLAVIK, J.

"Noise conditions in electric-power plants."

Energetika. Praha, Czechoslovakia. Vol. 8, no. 12, Dec. 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclassified

TICHY, J.; SLAVIK, J. B., prof., RNDr.

The 4th International Congress on Acustics in Copenhagen. Slaboproudý
obzor 22 no.12:778-779 D '61.

(Sound)

KRATOCHVILLOVA, K.; TICHY, J.; ZELENKA, J.

The effect of radiation on the properties of piezoelectric resonators.
Cs cas fys 12 no. 2:144-151. '62.

1. Katedra matematiky a fysiky, Vysoka skola strojni a textilni,
Liberec (for Kratochvilova, Tichy).

2. Tesla Lanskroun, zavod 05, Hradec Kralove (for Zelenka)

TICHY, J.; FILIP, B.; CHARAMZA, O.

Unusual causes of dyspepsia in a worker employed in asphalt paint spraying. Pracovni lek. 13 no.2:79-81 Mr '61.

1. I vnitri klinika UP v Olomouci; prednosta prof. dr. Pavel Lukl, z oddeleni pro choroby z povolani; vedouci lekar Dr. M. Barborik, z ustrednich laboratori KUNZ Olomouc; prim. Dr. R. Podivinsky.

(PAINT toxicol) (GASTROENTEROLOGY etiol)
(OCCUPATIONAL DISEASES)

TICHY, J.

Traffic accidents from the neurological viewpoint. Acta chir. orthop. trauma. Czech. 28 no.1:80-84 F '61.

1. Neurologicka klinika KU, prednosta akademik Kamil Henner.

(ACCIDENTS TRAFFIC)

TICHY, J.

Advantages and disadvantages of bromsulphalein (BSF) retention tests. Česk. gastroent. vyz., 17 no.3:168-174 Ap '63.

1. Interní klinika lekarské fakulty PU v Olomouci, prednosta
prof. dr. P. Lukl.
(SULFOBROMOPHTHALEIN) (LIVER FUNCTION TESTS)
(LIVER DISEASES) (LIVER CIRRHOSIS) (HEPATITIS)

SLCHY, J.

A simple method of calculating the individual proportion of a small quantity of cerebrospinal fluid. (esk. nov. 1. 23. nr. 1645-76
Ja '65

1. Neurologicka klinika (fakulta vysokého učebnictva Lekarského Karlovy
University v Praze (prvního akademika F. Henner)).

SVOBODA, Rudolf; TICHY, Jan; ZELENKA, Jiri

Synthetic piezoelectric materials. Slaboproudny obzor 21 no.2:66-72
'60. (EHA 9:6)

1. Vysoka skola strojnic, Liberec (for Svoboda, Tichy). 2. TESLA
Lanskroun n.p., zavod Ot, Hradec Kralove (for Zelenka)
(Piezoelectric materials)

CZECHOSLOVAKIA/Acoustics - Electroacoustics and Technical Acoustics.J

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9548

Author : Zelenka, Jiri, Tichy Jan

Inst : * Tesla Lanskroun, Gradcy Karlove; ** Vyaonek skoly
strojni, Liberty, Czechoslovakia

Title : Experimental Verification of Relations for the Choice
of Longitudinally Oscillating Piezoelectric Resonators

Orig Pub : Ceskosl. casop. fyz. 1959, 9, No 5, 463-472

Abstract : The question is discussed of the applicability of the relations for the calculation of the parameters of the electric equivalent circuit of piezoelectric rods in the case of odd and even longitudinal oscillations from the point of view of the application for the construction of resonators in filters of telephone systems, operating in the frequency range from 60 to 300 kcs.

Card 1/1

L 41783-66 EWI (e) JAV/NH
ACC NR: AP6031675

SOURCE CODE: CZ/0042/66/000/003/0161/0167

AUTHOR: Hruska, Karel (Graduate physicist; Candidate of sciences; Special assistant);
Tichy, Jan (Docent; Doctor); Zelenka, Jan (Engineer; Candidate of sciences) 55

ORG: [Hruska] Department of Physics, Faculty of Sciences, University of Khartoum, Sudan; [Tichy] Department of Physics, Technical Institute of Machinery and Textiles, Liberec (Vysoka skola strojni a textilni, Katedra fyziky); [Zelenka] Tesla Hradec Kralove, n.p., Hradec Kralove

TITLE: Influence of the DC electrical field on the resonance frequency of DKT piezoelectric resonators

SOURCE: Elektrotechnicky casopis, no. 3, 1966, 161-167

TOPIC TAGS: piezoelectric crystal, electric field, direct current

ABSTRACT: Just as in the case of quartz piezoelectric resonators it was observed with DKT resonators that the DC electrical field influences their resonance frequency. The temperature dependence of that influence was investigated. From experimental measurements the components g_{241} and g_{341} of the polarization correction tensor of the elastic coefficients were calculated for DKT and proved to be more than order larger than the corresponding known components of natural quartz. This paper was presented by K. Cernik. The authors thank workers of Department of Physics, B. Kantur and Scientific Aspirant, Engineer K. Dadour for assistance with the measurements and calculations. Orig. art. has: 1 figure, 8 formulas and 2 tables. [Based on authors' Eng. abst.] [JPRS: 36,644]

SUB CODE: 09 / SUBM DATE: 15Jun65 / ORIG REF: 012 / OTH REF: 003
Card 1/1 0919 0275

CZECHOSLOVAKIA

TICHY, J., HRADIL, I., LEJSEK, K; Chair of Pathological Anatomy, Chair of Histology and Embryology, Chair of Medical Chemistry, Medical Faculty, Charles University (Katedra Patologicke Anatomie, Katedra Histologie s Embryologii, Katedra Lekarske Chemie Lek. Fak. KU) Hradec Kralove.

"Electron-Microscope Picture of Mitochondria of Rat Liver after Whole Body Irradiation by 1400r."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 133

Abstract: Experiments were conducted on 18 white rats. Microscopic examination took place 15 and 60 minutes after the irradiation. No differences between the liver of irradiated rats and controls were found; only the number of vacuoles increased. 2 Czech references. Submitted at the full Meeting of the Physiological Section of the Czechoslovak Medical Society of J.E.Purkyne at Hradec Kralove, 6 Oct 65.

1/1

TICHY, Jaroslav, inz.

Determining an optimal jet propeller for various design
conditions. Stroj. cas. 14 no.6:557-572 '63.

1. Strojnicka fakulta Slovenskej vysokej skoly technickej,
Bratislava.

TICHY, Jiri, inz.

Effect of the chemical composition on the mechanical properties
of large hollow forgings from MnV steel. Hut listy 19 no. 78
499-506 Jl '64

1. Research and Testing Institute, Nova hut Klementa Gottwalda
Ostrava-Kuncice.

KOLMER, Felix; KRNAK, Milan; TICHY, Jiri

Investigation and realization of properties required from the
Czechoslovak reverberation chambers to obtain the optimum value
of acoustic absorptivity. Slaboproud obzor 24 no.3:139-145 Mr '63.

1. Vyzkumny ustav zvukove, obrazove a reprodukci techniky, Praha,
(for Kolmer and Krnak). 2. Katedra fyziky fakulty elektrotechnicke,
St. vysoka ucenia technicke, Praha (for Tichy).

KOLMER, Felix, inz., C.Sc.; TICHY, Jiri, inz., dr., C.Sc.

Dependence of the acoustical absorption coefficient on the parameters of gouged soft wood fibre plates with a smooth hard surface. Slaboproudý obzor 23 no.7:389-396 J1 '62.

1. Vyzkumny ustav zvukove, obrazove a reprodukci techniky (for Kolmer). 2. Katedra fyziky fakulty elektrotechnicke, Ceske vysoka uceni technicke (for Tichy).

TICHY, Jiri

Cholesterol in cerebrospinal fluid. Cesk. neur. 24 no.6:399-407 N '61.

1. Neurologicka klinika, prednosta akademik K. Henner.

(CHOLESTEROL cerebrospinal fluid)

TICHY, Jiri, inz., dr., kandidat technickych ved.

Noise problems in hydro-electric power plants. El tech obzor 50
no.10:586-590 0 '61.

1. Katedra fyziky na elektrotechnicke fakulte, Ceske vysoke uzeni
technicke, Praha.

(Water-power electric plants) (Noise)

L 00102-66 EWP(w)/EWP(c)/EWP(v)/T/EWP(t)/EWP(k)/EWP(b)/EWP(l)/EWA(c)/ETC(m)
ACCESSION NR: AP5025499 JD/WW/HW CZ/0057/65/000/004/0182/0186

AUTHOR: Tichy, Jiri (Engineer); Ullmann, Jiri (Engineer)

TITLE: Evaluation of defects of hollow forgings by ultrasonic methods

SOURCE: Hutnik, no. 4, 1965, 182-186

TOPIC TAGS: steel, metal forging, metal test, nondestructive test, ultrasonics

ABSTRACT: The tests reveal primarily macroscopic occlusions. The quality of the forging depends on the maximum size, number, linear surface, and location of the occlusions. The concept of the equivalent defect is discussed. Standards used in this respect are described. Methods used for calculations in the evaluation of the defects are discussed. Occlusions up to 3-4 mm size have very little effect upon the notch strength, and upon the tensile strength in steels of Czech Standard 13 123. The principles according to which results of ultrasonic tests allow the classification of hollow forgings into 5 groups are discussed. Results of testing hollow forgings of high pressure steels of the Cr-Mo type are described.

Card 1/2

L 00102-66

ACCESSION NR: AP5025499

Ultrasonic tests¹⁴ used in evaluating of steels Standard 13 123 allowed to determine the results of changes in the deoxidation bath temperatures, and conditions required during casting of the body of a steel ingot.

Orig. art. has: 11 figures, 3 graphs, and 1 table.

ASSOCIATION: VZU-NIKG, Ostrava

44,55

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NR REF SOV: 001

OTHER: 011

JPRS

PR
Card 2/2

8/058/63/000/003/099/104
A059/A101

AUTHORS: Podobský, Jaroslav, Tichý, Jiří, Slavík, Josef B.

TITLE: Investigation of acoustic high-frequency filters

PERIODICAL: Referativnyj zhurnal, Fizika, no. 3, 1963, 57, abstract 3Zh344
("Sb. Českosl. věd. techn. společn. zdravotní techn. a vzduchotechn.
ČSAV", 1962, no. 4, 67 - 102, Czech; summaries in Russian, English,
French and German)

TEXT: Acoustic high-frequency filters and their properties are considered. From the basic acoustic determinations, theoretical ratios with respect to the attenuation of filters with outlets are derived. The attenuation of the individual filters has been experimentally established on the basis of measurements of the acoustic pressure before and after the filter. The theoretical values are compared with the measured ones, and it is established that they agree well with each other. A correction should be introduced into the ratio for the acoustic mass of the connecting pipes. From the theoretical ratios derived for one number of connecting pipes in the wall, a general ratio valid for an arbitrary

Card 1/2

Investigation of acoustic high-frequency filters

S/058/63/000/003/099/104
A059/A101

number of connecting pipes at any distances has been established. The calculation of the corresponding ratios for a great number of connecting pipes can be rather laborious. It is, however, possible by an extremely simple method to determine approximately the transmission and attenuation with a great number of connecting pipes. In the paper, the existing theory of acoustic high-frequency filters is specified.

[Abstracter's note: Complete translation]

Card 2/2

SLAVIK, Josef B.; CHALUPOVA, Vera; KLIMES, Bohdan; TICHY, Jiri

Acoustic conditions at the stadium of the 2d National Spartakiad
1960. Slaboproudý obzor 22 no.5:258-265 '61. (EEAI 10:7)

1. Katedra fyziky na elektrotechnicke fakulte Ceskeho vysokeho
uceni technickeho v Praze.
(Czechoslovakia—Stadiums)

TICHY, Jiri

Contribution to the problem of muscular dystrophy in carcinomas.
Cas. lek. cesk. 101 no.28:874-878 13 J1 '62.

1. Neurologicka klinika fakulty vseobecneho lekarstvi KU v Praze,
prednosta akademik K. Henner.

(STOMACH NEOPLASMS complications) (MUSCULAR DYSTROPHY complications)
(ELECTROMYOGRAPHY)

TICHY, Josef; JIRU, Pavel

Apparatus for velocity measurement of the catalytic oxidation
of methanol on formaldehyde. Chem Listy 58 no. 4:460-465 Apr '64.

1. Institute of Physical Chemistry, Czechoslovak Academy of
Sciences, Prague.

TICHY, Josef, inz.

Uniform coloring and graphic arrangement of maps with forest type designation. Lesnictvi 8 no.11:921-926 N '62.

1. Ustav pro hospodarskou upravu lesu ve Zvoleni, pobocka ve Frydku-Mistku.

L 33986-66 T/EWP(t)/ETI IJP(c) JD/GG

ACC NR: AP6025479

SOURCE CODE: CZ/0037/66/000/001/0023/0026

AUTHOR: Tichy, KarelORG: Institute of Macromolecular Chemistry, CSAV, Prague (Ustav makromolekularni chemie, CSAV)TITLE: Program for three-dimensional Patterson synthesis of monoclinic crystals for the NE 803B computerSOURCE: Ceskoslovensky casopis pro fysiku, no. 1, 1966, 23-26

TOPIC TAGS: computer, crystallography, computer program, mathematic matrix, computer technique/NE 803B computer

ABSTRACT: The synthesis consists of two independent parts. The first is the program Additions P2/m, C2/m which reads the band of reflections with diffractive indices hkl and the square of the structure factor $|F(hkl)|^2$ and punches the matrices of the first additions over k for calculation of the cuts of the vector density in previously defined levels y_1, y_2, \dots, y_M . The second part, the program Fourier P2/m, C2/m, carries out matrix operations with trigonometric matrices and matrices of the first additions and punches maps of the vector density cuts. Both programs are written in autocode. The author thanks Engr. B. Sedlack, DrSc., and Doctor K. Toman, Dr.Sc., for their interest in the work, and Engr. Fencel, Stationary Machines, n.p., for his assistance in the programming of the NE 803B computer. Orig.art.has:2formulas JPRS: 35,3867

Card 1/1 SUB CODE: 09, 20 / SUBM DATE: 28Dec64 / OTH REF: 004

TICHY, L.

Average pollution of the environs of a thermal electric plant with
smoke gases. Cesk. hyg. 8 no.1:56-58 F '63.

1. Okresni hygienicko-epidemiologicka stanice, Most.
(AIR POLLUTION)

TICHY, L.

CZECHOSLOVAKIA

TICHY, L.

CSCR

Regional hygienic and epidemiological Station (Okresni hygienicko-epidemiologicka stanice), Most

Prague, Ceskoslovenska hygiena, No 1, 1963, pp 56- 58

"Average Infestation by Smoke Gases of the Surroundings of a Thermal Electric Plant"

TICHY, K.

"Preparation of the instructor for the training hour." p. 580

SVET MOTORU. Praha, Czechoslovakia, Vol. 9, No. 19, Sept., 1955

Monthly List of East European Accessions (EEAI), IC, Vol. 8, No. 9, September, 1959.
Unclassified

TICHY, K.

X-ray diffraction measurement on samples cooled to 100°K. Cs cas
fys 12 no.3:240-243 '62.

1. Ustav makromolekularni chemie, Ceskoslovenska akademie ved,
Praha.

DOBRY, Jaroslav; TICHY, Karel

Use of carbonaceous materials in foundries. Slevarenstvi 10 nc.4-140-
142 Ap '62.

1. Spojene ocalarny, n.p., Kladno (for Dobry). 2. Prvni brnenska
strojirna, Zavod Klementa Gottwalda, Brno (for Tichy)

TICHY, Ladislav

Karst in the Blizna graphite mine. Geol pruzkum 6 no.1,
30-31 Ja'64.

TICHY, Ladislav, promovany geolog

Graphite deposit in Kolodeje-Hosty. Rudy 13 no.4:117-120
Ap '65.

1. Rudne doly National Enterprise Pribram, Branch Netolice.

TICHY, Ladislav

Discovery of copper ore forming in the graphite deposit near Blizna. Gas min geol 8 no.2:216 Ap '63.

1. Rudne doly, n.p., Pribram, zavod Netolice.

TICHY, M.

"Hydroboration" by H.C.Brown. Reviewed by M.Tichy. Chem listy 57
no.10:1091 0 '63.

TIKHIY, M. [Tichy, M.], inzh., kand.tekhn.nauk; VORLICHEK, M. [Vorlicek,M.], inzh., kand.tekhn.nauk

Statistical calcualtion of elements of ordinary and prestressed reinforced concrete. Bet.i zhel.-bet. 8 no.9:425-427 S '62.

(MIRA 15:12)

1. Institut teoreticheskoy i prikladnoy mekhaniki Chekhoslovatskoy Akademii nauk.

(Precast concrete)

SICHER, J.; SIPOS, F.; TICHY, M.

Stereochemical studies. XIX. Conformational studies on the 2-amino-4-t-butylcyclohexanols; synthesis of the four stereoisomers. Coll Cz Chem 26 no. 3:847-866 Mr '61. (EEAI 10:9)

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague.

(Aminobutylcyclohexanol)

HAVRANEK, F.; DYKOVA, H.; TICHY, M.

Fertility after conservative and radical operations in tubal
pregnancy. Cesk. gynek. 29 no. 5:347-351 Je'64

1. Ustav pro peci o matku a dite v Praze; reditel: doc. dr.
M. Vojta.

TICHY, M.; SIPOS, J.; SICHER, J.

CSR

Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of
Science, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 12, 1962,
pp 2907-2924

"Stereocochemical Studies. XXIV. A Study of Ring Deformations in 2-Aminocyclo-
hexanol Derivatives by Spectroscopic Intramolecular Hydrogen Bond
Determination"

(3)

TICHY, M.; DYKOVA, H.; HAVRANEK, F.

Effect of ovarian steroids on functional cytology during the menstrual cycle. Cesk. gynek. 29 no.1:14-18 F'64.

1. Ustav pro peci o matku adite v Praze; reditel: doc.dr. M. Vojta.

TICHY, M., inz.

Effectiveness of the railroad line maintenance in the Soviet Union. Zel dop tech 11 no.11:342-343 '63.

4 author

3

ŠIPOŠ, F; KRUPIČKA, J; TICHÝ, M; SICHER, J.

Czechoslovakia

Institute of Organic Chemistry and Biochemistry,
Czechoslovak Academy of Science -- Prague - (for
all)

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 9, 1962, pp 2079-2088

"Stereocochemical Studies. XXIII. The 4-t-Butyl-2-
Methylcyclohexanols -- Synthesis and Rates of
Chromic Acid Oxidation."

(4)

TICHY, M.; SPOS, J.; SICHER, J.

0
CSSR

Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of
Science, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 12, 1962,
pp 2907-2924

"Stereochemical Studies. XXIV. A Study of Ring Deformations in 2-Aminocyclo-
hexanol Derivatives by Spectroscopic Intramolecular Hydrogen Bond
Determination"

(3)